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**LSI LOGIC CORPORATION**  
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Date: May 18, 2005  
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From: Name: Manu Kashyap, Intellectual Property Paralegal  
Corporate Legal Dept.  
Telephone: (408) 433-7475  
Fax: (408) 433-7460  
Re: 10/730,337

Number of Pages Including this Page 5

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**MESSAGE:**

US Serial No.: 10/730,337  
Filing Date: December 8, 2003  
Group Art Unit: 2819  
Docket No: 03-2112  
Examiner: Daniel Chang  
Filing of IDS

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PTO/SB/21 (12/97)  
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<h1 style="margin: 0;">TRANSMITTAL FORM</h1> <p style="margin: 5px 0;">(to be used for all correspondence after initial filing)</p>		Application Number		10/730,337			
		Filing Date		December-08, 2003			
		First Named Inventor		Justin McCollum			
		Group Art Unit		2819			
		Examiner Name		Chang, Daniel			
Total number of pages in this submission		4		Attorney Docket Number		03-2112	
ENCLOSURES (check all that apply)							
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit(s)/declaration(s) <input type="checkbox"/> Extension of time request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		<input type="checkbox"/> Assignment Papers <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Paper <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund		<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">         1. Return address postcard for PTO mailroom to date stamp.       </div>			
		Remarks					
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT							
Individual Name		Sandeep Jaggi, Reg. No. 43,331, Phone: [+1] 408-433-7475					
Signature							
Date		5-18-05					
CERTIFICATE OF MAILING							
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Typed or printed name		Manu Kashyap, Phone: [+1] 408-433-7475					
Signature							
		Date 5/18/05					

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PTO/SB/1/ (2-98)

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**FEE TRANSMITTAL**Patent Fees are subject to annual revision on October 1.  
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otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. 1.27 and 1.28.**TOTAL AMOUNT OF PAYMENT (\$180.00)****Complete if Known**

Application Number	10/730,337
Filing Date	December-08, 2003
First Named Inventor	Justin McCollum
Group Art Unit	2819
Examiner Name	Daniel Chang
Attorney Docket No.	/ 03-2112

**METHOD OF PAYMENT (check one)**

- 1.
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- The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:

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- Charge Any Additional Fee required under 37
- 
- ☐
- Charge the Issue Fee Set in 37 C.F.R. 1.18 at the Mailing of the Notice of

- 2.
- ☐
- Payment Enclosed:

☐ Chec ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Larg eFee Code	Entt yFee (\$)	Larg eFee Code	Entt yFee (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	
108	330	206	185	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional Filing fee	

**SUBTOTAL (1) (\$0.00)****2. EXTRA CLAIM FEES**

Total claim		Extra Claim	Fee from below	Fee Paid
Independent	20**			
Multiple Dependent	3**			

Larg eFee Code	Entt yFee (\$)	Larg eFee Code	Entt yFee (\$)	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	82	209	41	**Reissue independent claims over original patent
110	22	210	11	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$0.00)****FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Larg eFee Code	Entt yFee (\$)	Larg eFee Code	Entt yFee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing request for reexamination	
112	920*	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	950	217	475	Extension for reply within third month	
118	1510	218	755	Extension for reply within fourth month	
128	2,080	228	1,030	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	870	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional application	
126	240	126	240	Submission of Information Disclosure Statement	180.00
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129)	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129 (b))	

Other fee (specify)

Other fee (specify)

**SUBTOTAL (3) (\$180.00)**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Typed or printed name

**Sandeep Jaggi**

Signature

Date

5/18/05

**Complete (if applicable)**

Reg. Number

**43,331**

Deposit Account User ID

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In re Application of :**

Justin McCollum et. al.

**Serial No. :** 10/730,337**Filed :** December 08, 2003**For :** Termination Enable: Hardware and  
Software Controlled Enable with  
Detect**RECEIVED  
CENTRAL FAX CENTER****Group Art Unit :** 2819 MAY 18 2005**Examiner :** Chang, Daniel**Atty Docket :** / 03-2112

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addressed to: Commissioner for Patents, P. O. Box 1450,  
Alexandria, VA 22313-1450, on the date below:

Manu Kashyap

May 18, 2005  
Date

Signature

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached form, copies of which are attached, may be material to examination of above-identified application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR 1.56 and 1.97.

It is requested that the information disclosed herein be made of record in the application.

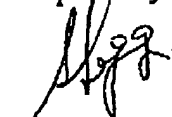
This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 12-2252.

LSI Logic Corporation  
1621 Barber Lane, MS D-106  
Milpitas, CA 95035  
408-433-7475

Date: 5/18/05

Respectfully submitted,



Sandeep Jaggi

Reg. No. 43,331

05/19/2005 JBALINAN 00000114 122252 10730337

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PTO/SB/08A (10-96)

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Complete if Known

Application Number	10/730,337
Filing Date	December-08, 2003
First Named Inventor	Justin McCollum
Group Art Unit	2819
Examiner Name	Daniel Chang
Attorney Docket No.	/ 03-2112

Sheet

1

of

1

## **U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
		4,920,339		Friend; Robert C. (Laguna Ni	04-24-1990	
		5,313,595		Lewis; Mark S. (Colorado Sp	05-17-1994	
		5,434,516		Kosco; Michael T. (Mission	07-18-1995	
		5,920,266		Allgood et al.	07-06-1999	
		5,983,296		Lamkin et al.	11-09-1999	

Examiner  
signatureDate  
considered

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